U.S. DEPARTMENT OF COMMERCE, PATENT AND TRADEMARK OFFICE DATE: June 20, 2006 TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371 INTERNATIONAL APPLICATION NO.: INTERNATIONAL FILING DATE: PRIORITY DATE CLAIMED: PCT/JP2004/018894 December 17, 2004 December 22, 2003 TITLE OF INVENTION: INORGANIC-ORGANIC COMPOSITE FUNCTIONAL COMPOSITION APPLICANT(S) FOR DO/EO/US: Gen MASUDA et al. Applicant hereby submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: This is a FIRST submission of items concerning a filing under 35 U.S.C. 371. 1. 🛛 This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371. 2. This is an express request to begin national examination procedures (35 USC 371(f)). The submission must include items (5), (6), (9)  $\boxtimes$ and (21) indicated below.  $\boxtimes$ The US has been elected (Article 31).  $\boxtimes$ A copy of the International Application as filed (35 U.S.C. 371(c)(2)): 5. a. 
is transmitted herewith (required only if not transmitted by the International Bureau). b. \Begin{align\*} \text{has been transmitted by the International Bureau.} \end{align\*} c. is not required, as the application was filed in the United States Receiving Office (RO/US) 6. An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). a. \( \square\) is attached hereto. b. has been previously submitted under 35 U.S.C. 154(d)(4). Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) 7. are transmitted herewith (required only if not transmitted by the International Bureau). a. 🔲 b. 🔲 have been transmitted by the International Bureau. have not been made; however, the time limit for making such amendments has NOT expired. c. 🔲 d. 🛛 have not been made and will not be made. An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 8. 9. An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). ì0. 🔲 An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). ITEMS 11. TO 20. BELOW CONCERN OTHER DOCUMENT(S) OR INFORMATION INCLUDED: 11. 🛛 An Information Disclosure Statement under 37 CFR 1.97 and 1.98 together with the international search report, PTO/SB/08 and 9 docs. 12. An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. ASSIGNEE NAME AND ADDRESS: Nisshinbo Industries, Inc., Tokyo, Japan Please publish the assignee data with the application. 13. 🛛 A preliminary amendment. 14. An Application Data Sheet under 37 C.F.R. 1.76 ) 15. 🔲 A substitute specification.

A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 C.F.R. 1.821 - 1.825.

A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).

A second copy of the published international application under 35 U.S.C. 154(d)(4).

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A change of power of attorney and/or address letter.

Other items or information:

AP3 Rec'd PCT/PTO 20 JUN 2005 DOCKET NO.: 062690

U.S. APPLICATION NO. (if known) INTERNATIONAL APPLICATION NO. PCT/JP2004/018894			DATE: June 20, 2006		
The following fees are submitted:				CALCULATIONS	PTO USE ONLY
21. Basic National Stage Fee \$300				\$ 300.00	
22. National Stage Examination Fee  If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4)  All other situations  \$200				\$ 200.00	
23. National Stage Search Fee Search fee (37 CFR 1.445(a)(2) has been paid on the international application to the USPTO as an International Searching Authority \$100 International Search Report prepared and provided to the Office \$400 All other situations \$500				S 400.00	
ENTER APPROPRIATE BASIC FEE AMOUNT =				\$ 900.00	
	) for furnishing the oa ity date (37 CFR 1.49	th or declaration later than 2(e)).	30 months from the		
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
TOTAL	10 - 20 =	0	X \$ 50.00		
INDEPENDENT	1 -3 =	0	X \$ 200.00		
Multiple dependent claims(s) (if applicable) + \$360.00  TOTAL OF ABOVE CALCULATIONS =				\$ 360.00 \$1,260.00	
National Stage Appli \$ 250.00.	cation Size Fee-for ea	ch additional 50 sheets that if applicable. (Note 37 C			
SUBTOTAL =				\$1,260.00	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)). +					·
TOTAL NATIONAL FEE =				\$1,260.00	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +				\$ 40.00	
TOTAL FEES ENCLOSED =				\$1,300.00	
				Amount to be: refunded charged	\$ \$
(\$300.00	for basic national stag	0.00 to cover the above feet ge fee; \$400.00 for nation 40.00 for the assignment re	al stage search fee; \$2	200.00 for national stage ex-	amination fee; \$360.00 for
b. Please charge my Deposit Account No. 50-2866 in the amount of \$ to cover the above fees.					
c. Main The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 50-2866.					
		t under 37 CFR 1.494 or 1 on be restored to pending s		, a petition to revive (37 CF	R 1.137(a) or (b)) must be
Send All Correspondence To:  WESTERMAN, HATTORI, DANIELS & ADRIAN, LLP 1250 Connecticut Avenue NW, Suite 700 Washington, DC 20036 CUSTOMER NO. 38834					
Typed or Printed Name: Stephen G. Adrian Reg. No.: 32,878					
Signature	1941		Date: June 20,	2006	

SGA/yap

## IN THE U.S. PATENT AND TRADEMARK OFFICE

APPLICANT:

Nisshinbo Industries, Inc.

FOR:

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INORGANIC-ORGANIC COMPOSITE FUNCTIONAL COMPOSITION

## DECLARATION

Honorable Commissioner of Patents Washington, D.C. 20231

Sir,

- I, Takashi Kojima, a patent attorney of Ginza Ohtsuka Bldg., 2F, 16-12, Ginza 2-chome, Chuo-ku, Tokyo, Japan do hereby solemnly and sincerely declare:
- THAT I am well acquainted with Japanese language and English language;
- 2) THAT the attached is a full, true and faithful translation into English made by me of the PCT application of which number is PCT/JP2004/018894, filed in Japan on the 17 December 2004.

3) THAT I declare further that all statements made herein of my own knowledge are true and all statements made on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment or both, under Section 1001 of Title 18 of the United States Code and that such willful statements may jeopardize the validity of the application or any patent issued thereon.

AND I being sworn state that the facts set forth above are true.

Dated this  $/2 \frac{1}{12}$  day of June 2006.

Takashi KOJIMA